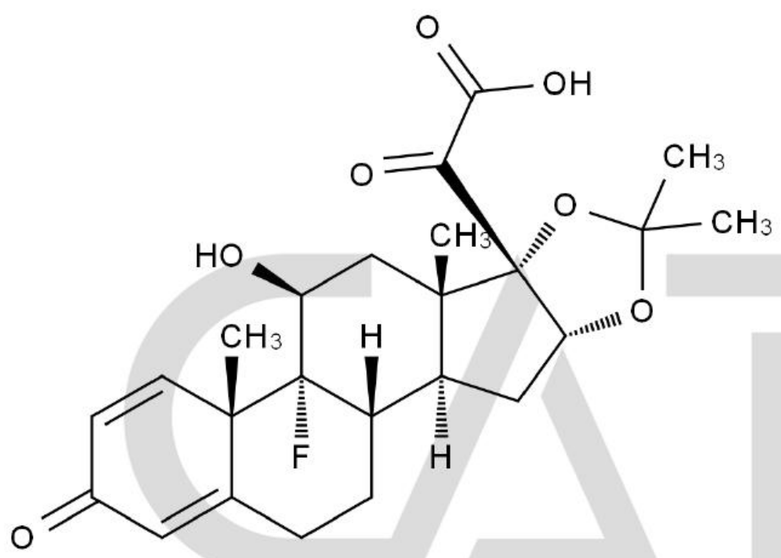
Certificate of Analysis

Reference Material & Standard

Product Name:	21-Carboxylic Acid Triamcinolone Acetonide	**Catalogue Number:**	C4X-13269
Synonyms:	N/A	**Lot Number:**	0911-RH-0064
CAS Number:	53962-41-7	**Expiry Date:**	Sep 15, 2030
Molecular Formula:	$C_{24}H_{29}FO_7$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	448.48	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.952%
Loss on Drying	TGA	1.9918%
Assay		95.0%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) /100%*
Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Alice — Date: Sep 16, 2026

Reviewed by: Koi — Date: Sep 16, 2026

Approved by General Manager: David — Date: Sep 16, 2026

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